

**APPENDIX A  
CLAIMS INVOLVED IN THE APPEAL**

1. (previously amended) A device for navigating documents connected by  
5 links, comprising:

a computer which comprises a graphical display, the computer being  
configured to operate according to a program that displays  
document symbols representing the documents and link symbols  
representing the link relationship of the documents;

10 wherein a similarity measure between a starting document and each other  
document is calculated, and wherein the document symbols are  
augmented by a marking dependent on the calculated measure of  
similarity.

15 2. (original) The device of claim 1 further comprising a storage area which  
holds characteristic vectors, each extracted from respective said  
documents, said characteristic vectors being utilized in calculations  
to produce said measure of similarity without referring back to  
respective said documents.

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3. (original) The device of claim 2 wherein said storage area holds a  
quantity of said characteristic vectors, wherein said quantity and selection of said

documents is determined both by predefined limiting criteria and by tracing said links within said documents.

4. (original) The device of claim 1 wherein said measure of similarity is  
5 determined by a weighted function over the frequencies of words in common in said documents to be compared.

5. (original) The device of claim 1 wherein said symbol configurations represent said degree of similarity.

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6. (original) The device of claim 5 wherein said symbol configurations utilize color to represent said degree of similarity.

7. (previously cancelled)

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8. (original) The device of claim 1 wherein said input device is utilized by an individual to select said symbol which determines said starting document.

9. (original) The device of claim 1 wherein said input device is utilized by  
20 an individual to generate a selection of words wherein said starting document is

determined by a maximum frequency of said selection of words within said documents.

10. (previously amended) A method of displaying documents connected  
5 by links on a computer device, comprising:

providing a graphical display of the computer device;

displaying document symbols, using a computer program, that represent  
the documents and link symbols representing the a link relationship  
of the documents;

10 calculating a similarity measure between a starting document and each  
other document; and

augmenting the document symbols by a marking dependent on the  
calculated similarity measure.

15 11. (original) The method of claim 10 wherein said step of calculating said  
measure of similarity is comprised of the steps of:

generating characteristic vectors from each of said documents;

storing said characteristic vectors in a storage area in said computer  
device; and

20 utilizing said characteristic vectors in calculating said measure of similarity  
without referring back to respective said documents.

12. (original) The method of claim 10 wherein said step of determining said operative group of documents is comprised of the steps of:

tracing said links within said starting document to find and acquire newly  
5 found documents; and

iteratively tracing said links within said newly found documents to find and  
acquire additional newly found documents according to a  
predefined limiting criteria.

10 13. (original) The method of claim 10 wherein said measure of similarity is determined by a weighted function over the frequencies of words in common between said starting document and said remaining documents within said operative group.

15 14. (original) The method of claim 10 wherein said step of displaying respective symbols and symbol characteristics comprises the steps of:  
choosing a color to represent said degree of similarity; and  
displaying said symbols in the chosen color.

20 15. (previously cancelled).

16. (original) The method of claim 10 wherein said starting document is determined by selecting one of said symbols by an individual with said input device from a previously determined operative group.

5        17. (original) The method of claim 10 wherein said starting document is determined by the steps of:

generating a selection of words by an individual with said input device from  
a previously determined operative group; and

determining a starting document from a previously determined operative  
10        group based on a calculation of a maximum frequency of said  
selection of words within a document within said operative group.

18. (previously added) The device of claim 5 wherein the relative  
arrangement of said symbols is modified such that the distance between any said  
15        symbol representing any said other document and said symbol representing said  
starting document is related to said measure of similarity by a known  
mathematical function.

19. (previously added) The method of claim 10 wherein said step of  
20        displaying respective symbols and symbol characteristics comprises the steps of:  
calculating a physical display location at a distance away from said symbol  
of said starting document which is related to said measure of

similarity for each said remaining document in said operative group  
by a known mathematical function; and  
displaying each said remaining document in said operative group at said  
calculated physical display location.